Supplemental Table 2: Group Sizes and Exclusions Table.

Vector	Structure/ Age	Inclusion, Exclusions	Exclusion Rate
rAAV2/2	SN/young	Final n=10, 0 exclusions.	0%
	SN/aged	Final n=9, OR=1 excluded	10%
rAAV2/9	SN/young	Final n=9, MI=1 excluded	10%
	SN/aged	Final n = 8, MI=1 & D=1 excluded	20%
LV	SN/young	Final n=6, OR=2 & MI=2 excluded	40%
	SN/aged	Final = 4. OR=3 & MI=2, D=1 excluded	60%
rAAV2/5	SN/young	Final n=10, 0 exclusions.	0%
	SN/aged	Final = 3, OR=2 & MI=2 & D=3 excluded	70%
Repeat rAAV2/5	SN/young	Final n=4, 0 exclusions.	0%
	SN/aged	Final n=2, MI=3 & D=1 excluded	66%
rAAV2/2	Striatum/Young	Final n=7, OR=1& MI=2 excluded	30%
	Striatum/Aged	Final n=4, 2=MI & 4=D excluded	60%
rAAV2/5	Striatum/Young	Final n=8, 1=OR & 1=MI excluded	20%
	Striatum/Aged	Final n=7, 1=OR & 4=MI excluded	41%
rAAV2/9	Striatum/Young	Final n=9, 1=OR excluded	10%
	Striatum/Aged	Final n=6, 1=OR & 2 = MI excluded	33%
LV	Striatum/Young	Final n=4, 3=OR & 1=MI excluded	50%
	Striatum/Aged	Final n=6, 3=OR & 3=MI excluded	50%

Exclusion code: OR = *Outlier removal [54]* , MI = *Misplaced Injection,* D = *Died*